



Docket No. 01-1000-0000
Appl. No. 01/1000-0000
Title: METHODS FOR GENETICALLY TRANSFORMING
EXPRESSION AND TRAIT REMOVAL IN PLANTS
Attorney: NEIL FELTHAM

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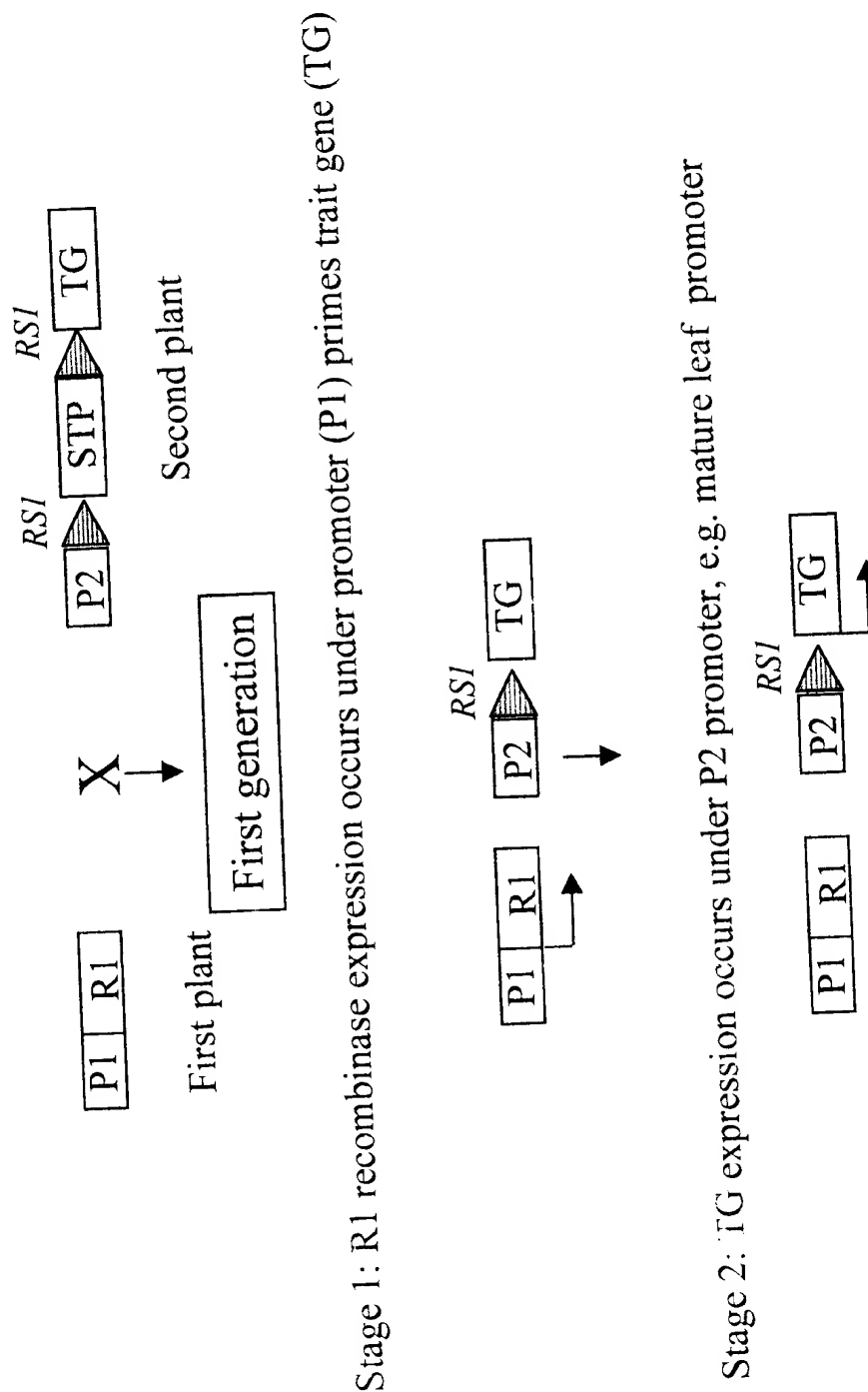
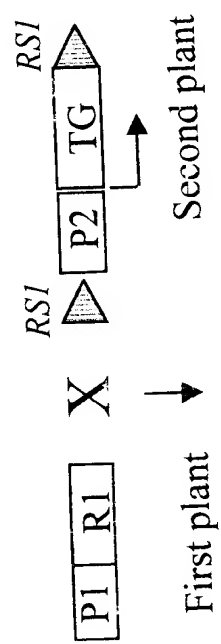
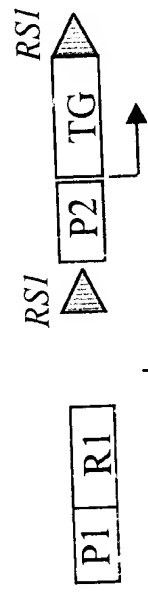


FIG. 1

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Stage 1: Trait expression occurs under promoter P2



Stage 2: R1 recombinase expression occurs under male or floral common germline promoter (P1) removes trait gene from pollen or progeny seed of first generation, respectively.

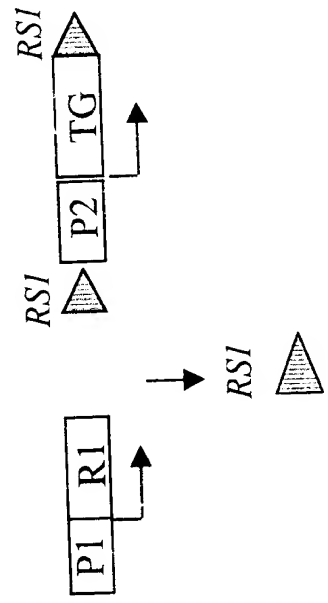


FIG. 2

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Docket No.: 01-11-000-011
 Appl. No.: 01/011,734
 Title: METHOD FOR PRIMER-INITIAL TRANSFERENCE
 EXPRESSION AND TRAIT REMOVAL IN PLANTS
 Attorney: NEIL FELTHAM

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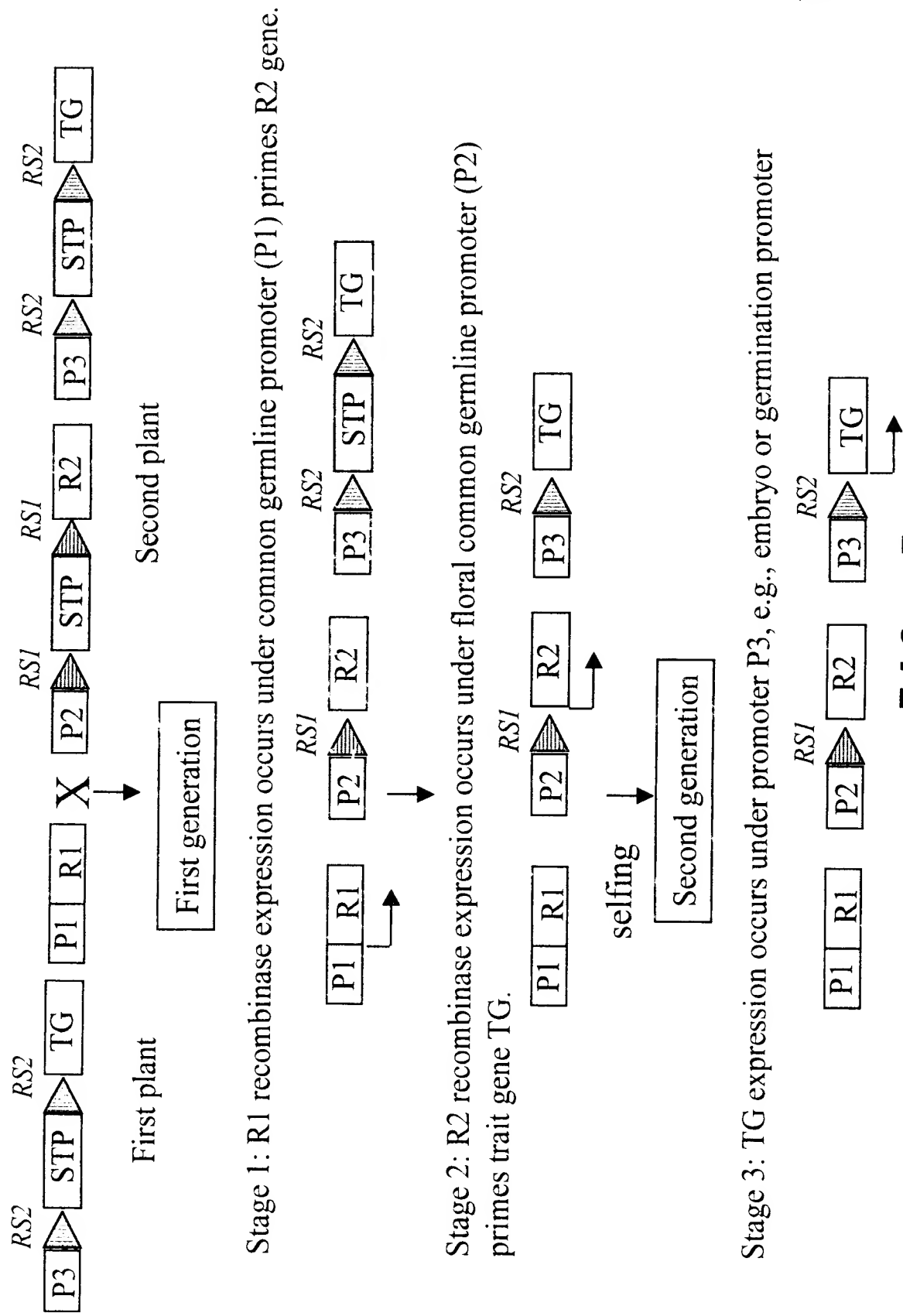
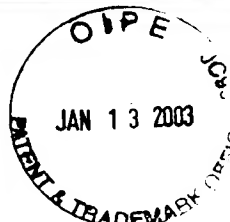


FIG. 3



Appl. No. 09/000,000
Title: METHOD FOR PRODUCING A MALE-STERILE PLANT
ATTORNEY: NIELD PATENT

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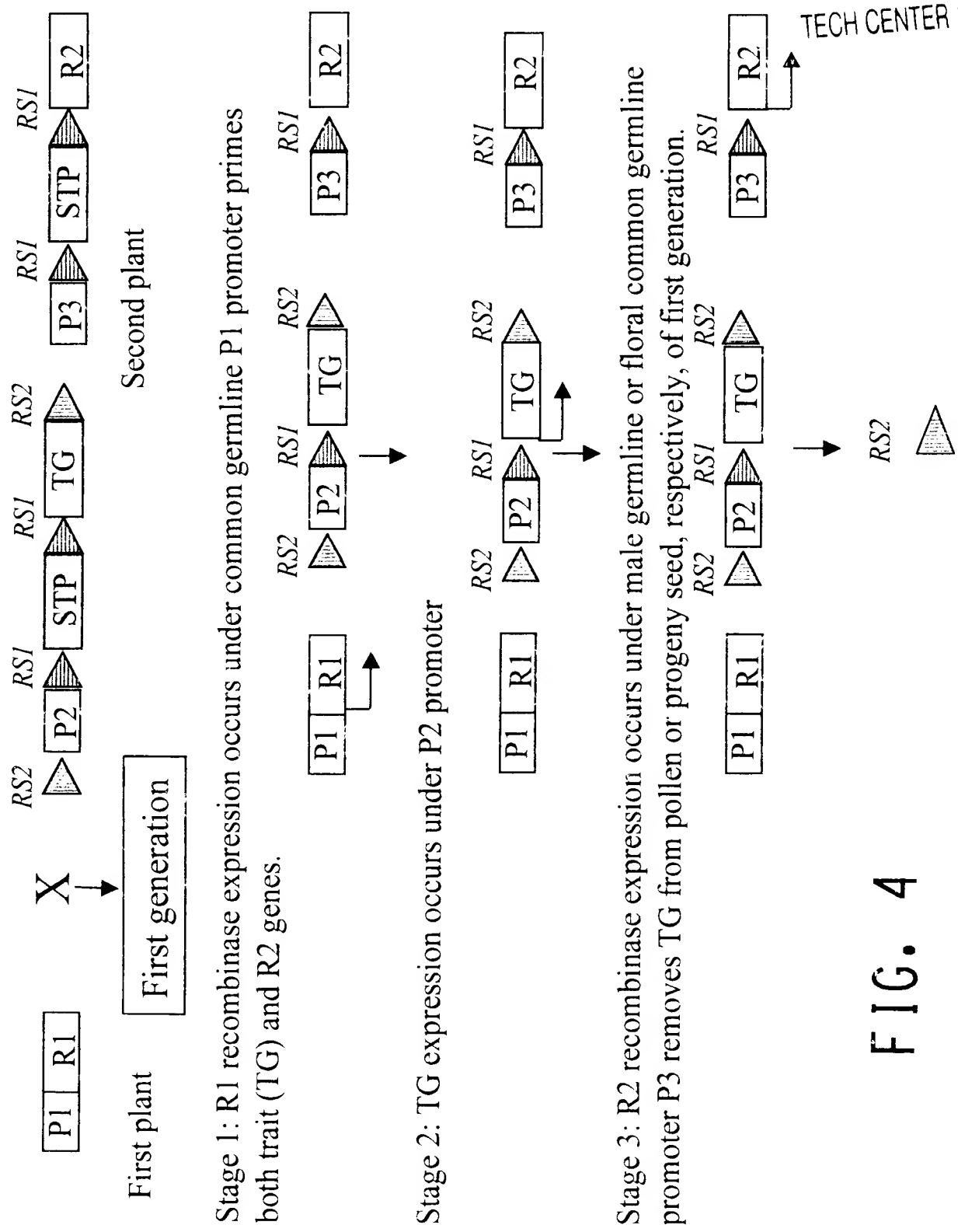


FIG. 4



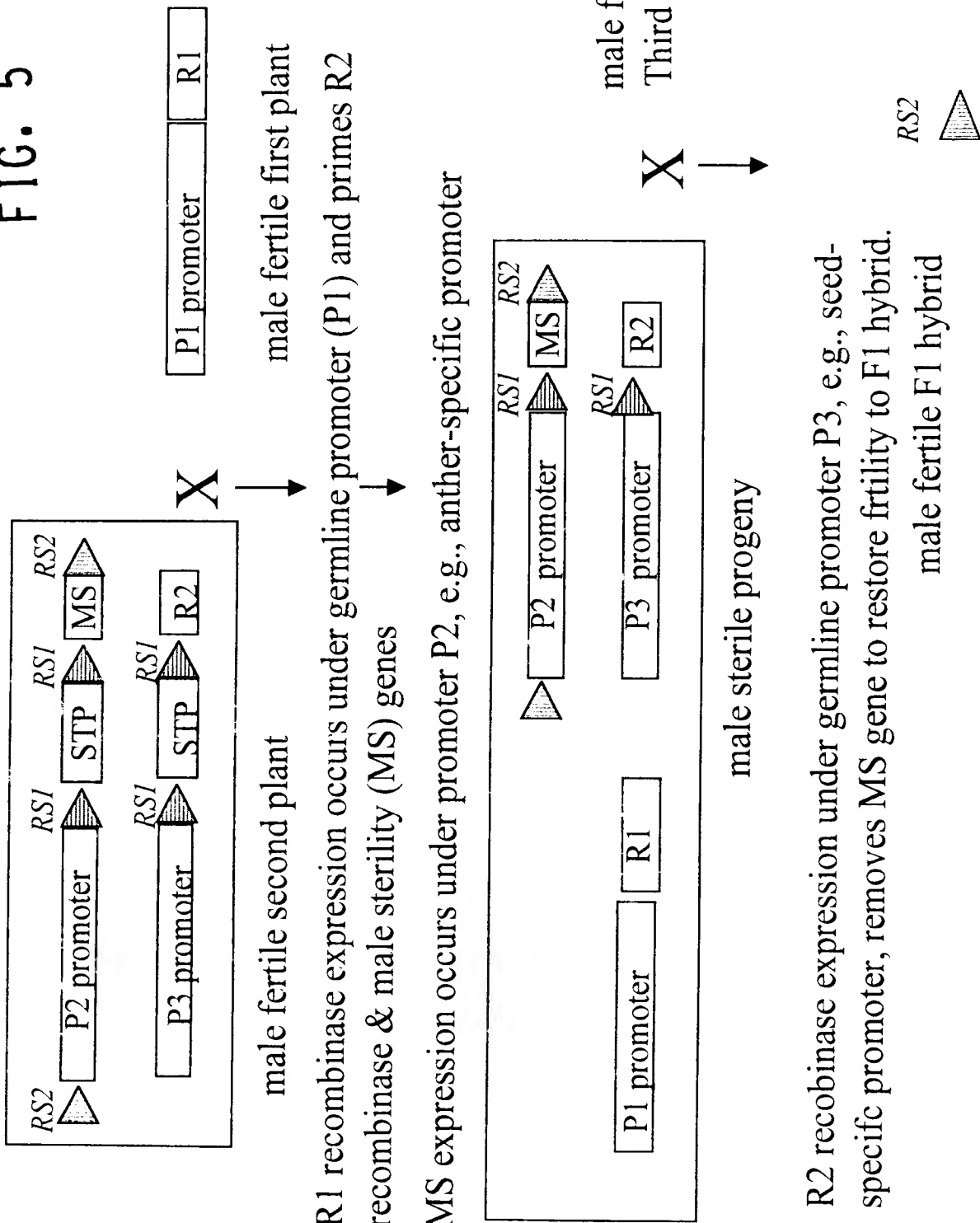
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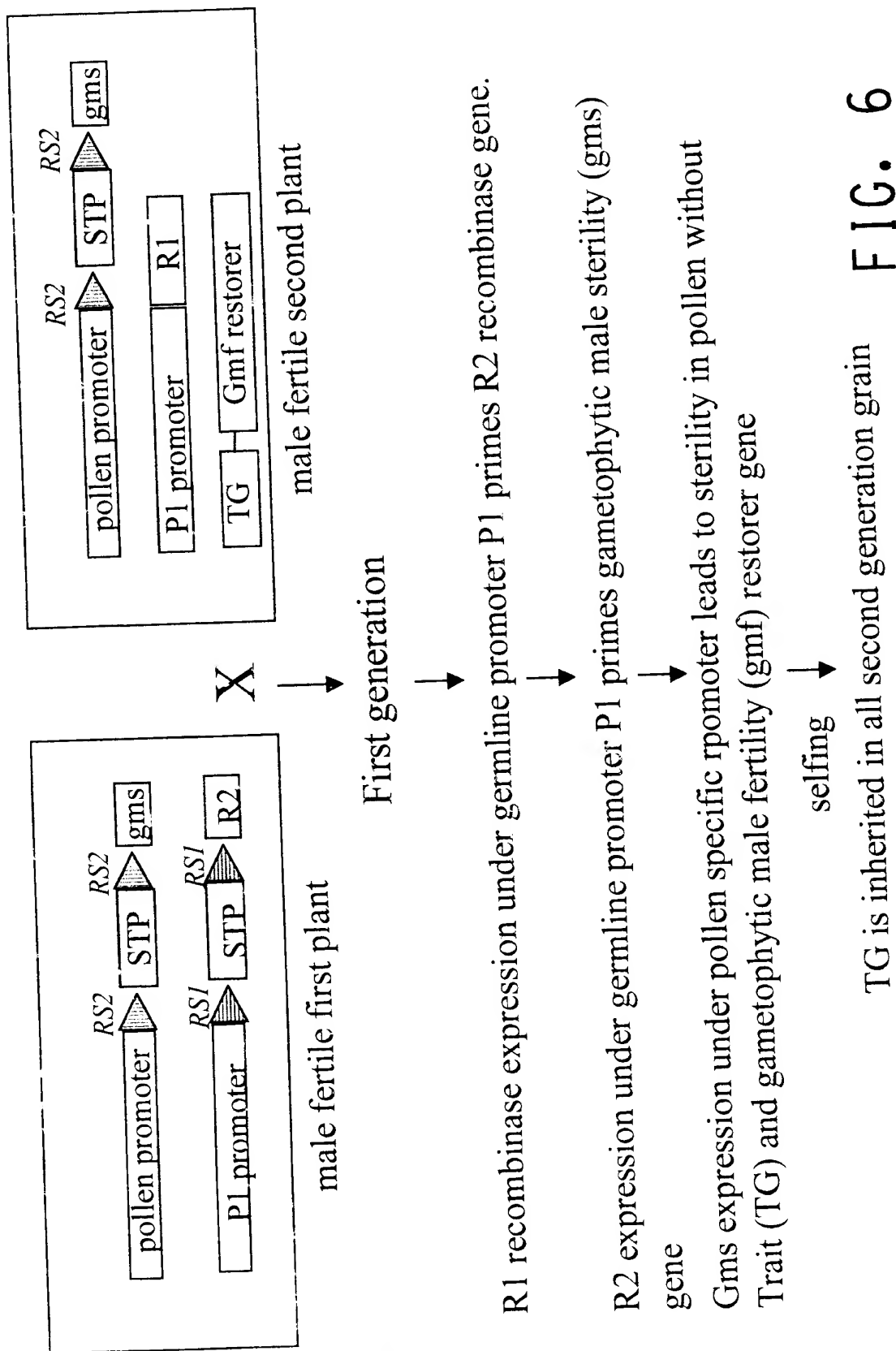
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FIG. 5



R2 recombinease expression under germline promoter P3, e.g., seed-specific promoter, removes MS gene to restore fertility to F1 hybrid.
male fertile F1 hybrid



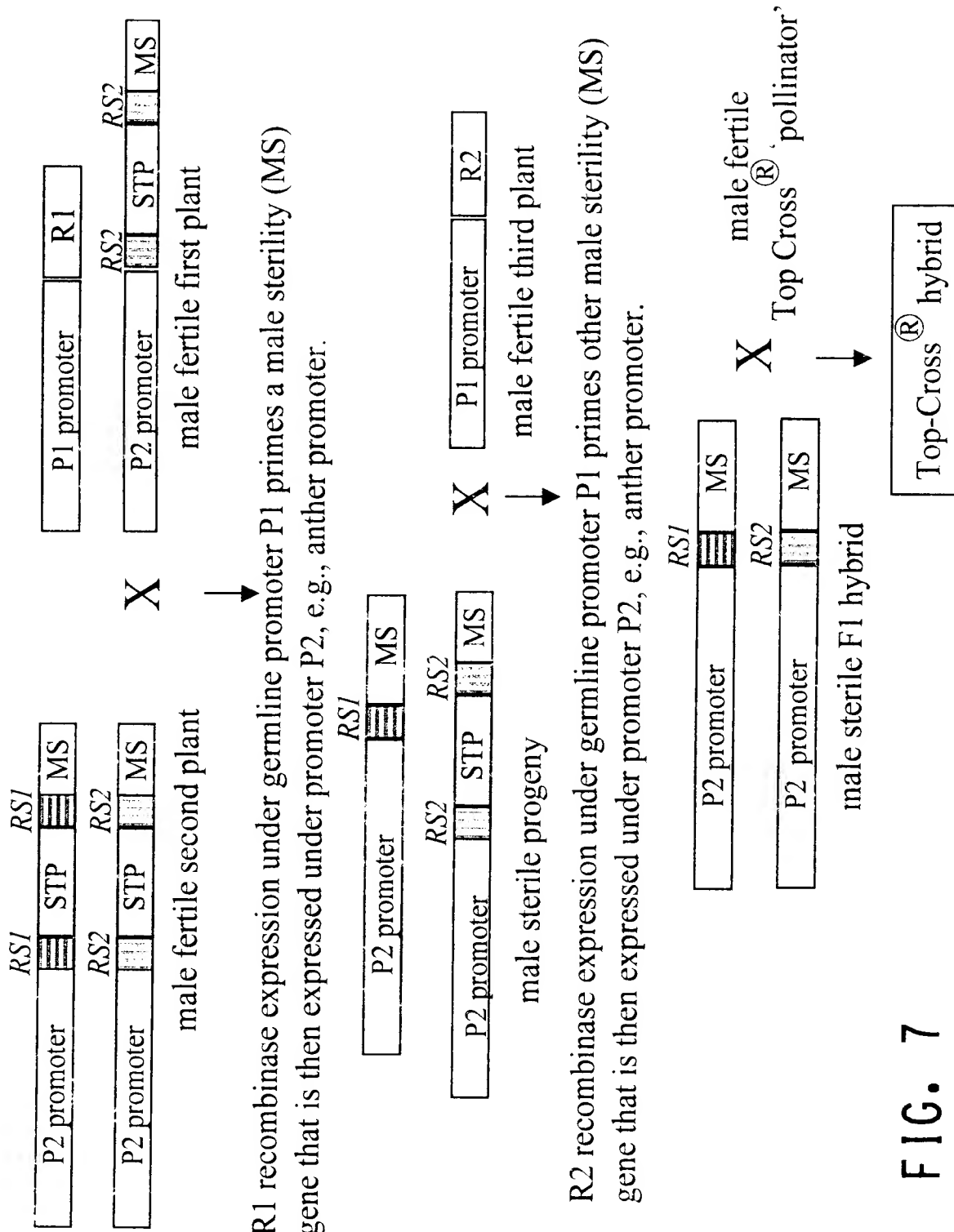
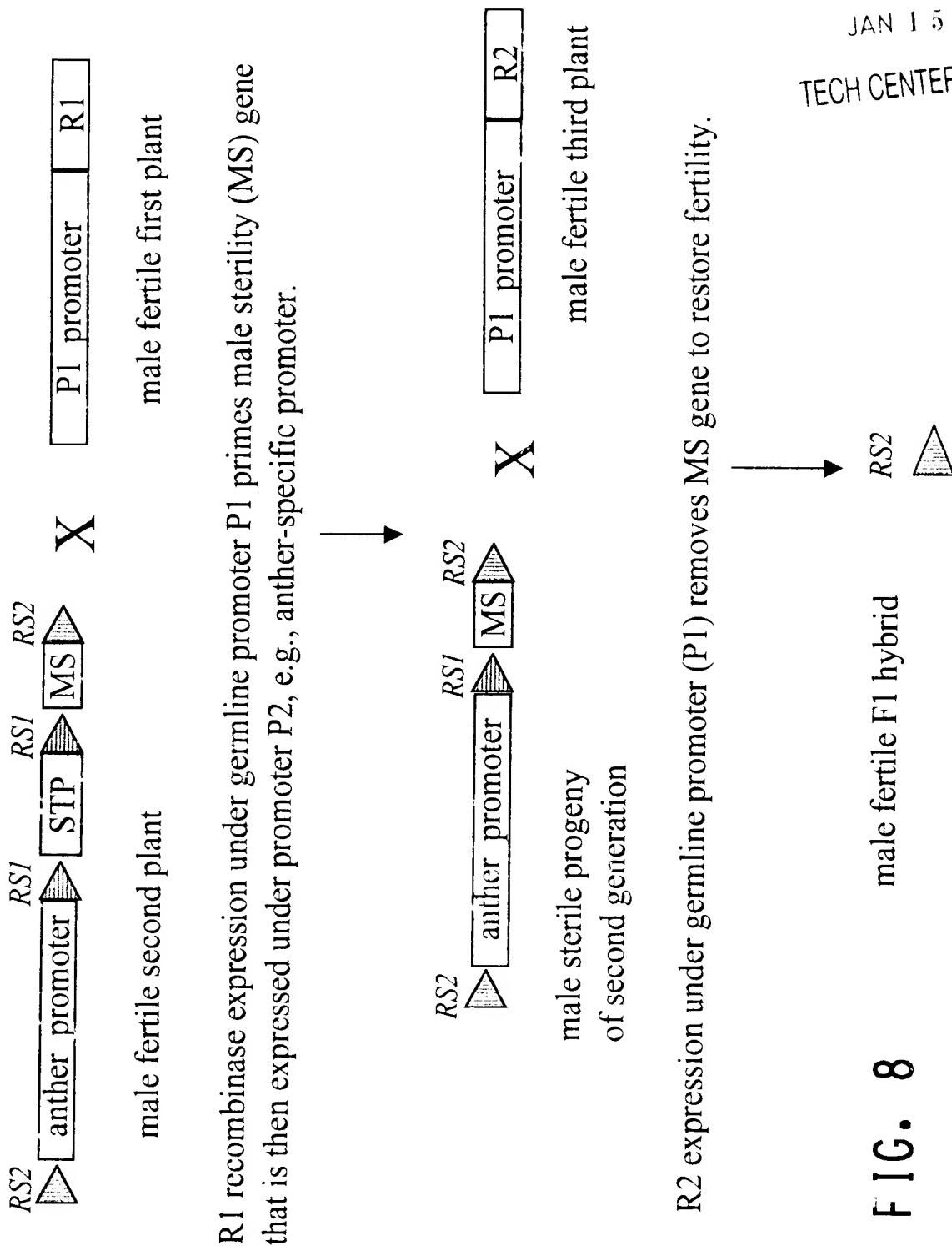


FIG. 7



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FIG. 8